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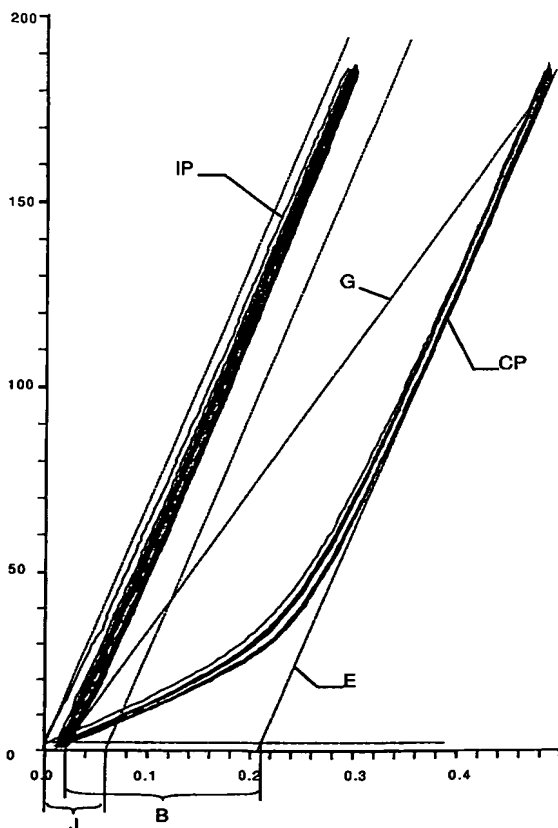
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(54) Title: FINE STEEL CORD WITH A LOW STRUCTURAL ELONGATION



(57) Abstract: A fine steel cord for the reinforcement of syn-
chronous belts is presented. The fine cord has a distinct load
elongation curve characterized by a very low structural elon-
gation (below 0.09% preferably below 0.06%), and a high equiva-
lent modulus between 0.2 and 20% of the breaking load. The
favorable results are maintained when the cords are coated with
an elastomer coating. Such a fine steel cord reduces the geomet-
rical spread on the tooth pitch of the synchronous belts during
use. A method to produce such a fine steel cord is also presented.

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